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5 Package

10 The present invention refers to a package for sheets for
example sheet formed information carrier such as CD-sheets,
DVD, CDR, CD-RW and so on and comprising an outer envelope
and an inner envelope of carton, paper or plastic, wellpapp
or the like formed separately or in one on the same piece
together with said outer envelope and cooperating with the
same and said envelopes are folded in order to constitute a
15 cover which protects the actual sheet or sheets at the same
time as the inner envelope carriers and partly encloses the
sheet itself.

20 On the market there are today several different types of
envelopes or packages for sheets for example CD-sheets, which
usually are manufactured of a solid plastic material. These
packages are weak and can very easy get broken during hard
handling. Another drawback with this type of package is that
it usually has a thickness which is greater than that
thickness which easy can be provided by a package of paper or
25 other sheet formed material. The types of packages which are
now on the market and consist of folded carton blanks have
the drawback that the CD-sheets easily slide out from the
same. There are also such types of packages of carton, which
are formed as a book and which furthermore comprise a
30 description of the melodies, which are on the CD-sheet. Also
this type of package has that drawback that the CD-sheet
itself easily slides out from the package when it has been
opened.

35 The object of the present invention is to provide a new type
of package for sheet formed objects of the type mentioned
above and where the drawbacks existing with the previously
known packages have been eliminated. The characterizing
features of the invention are set forth in the following
40 claims.

Thanks to the invention a new type of package for sheet
formed objects has been provided, which in excellent way

5 fulfills its purposes. The package itself comprises according
to the invention an outer envelope and an inner envelope
where said inner envelope has a special formation in order to
grip and keep the actual sheet in a special way so that the
10 same can not slide out from the package until the same has
been opened. The opening of the package is done in such a way
that the same is opened in the same way as a book and first
after that the package has been opened about to the half and
more the sheet itself can be taken out. The taken out of the
15 sheet is made easy in that the envelope in connection with
its opening automatically lifts upwards that space, which
contains the sheet when the outer envelope has been opened
somewhat over half its opening moment, which means that the
sheet is very easy to take out for a user. With other words
20 this means that when the package or envelope, which protects
the sheet is closed and half opened, the sheet is kept in its
place by a folded claw-formation and when the envelope is
opened totally said claw-formation opens, lifts up and ex-
poses said sheet in order to make it easy to grip.

25 The invention is described closer below by aid of a pre-
ferable embodiment example in view of the drawings enclosed,
in which

30 Fig. 1 shows a perspective view of the package according to
the invention, in which the same has been opened
somewhat and where said sheet has been lifted upwards
for its taken out,

35 Fig. 2 shows a schematic perspective view in a view oblique
from above, where the package is in its closed
position,

40 Fig. 3 shows the same view as in fig. 2 but in a view
obliquely from above and where a package has been
opened to about the half and where the claw-formation
is going to loosen the sheet,

5 Fig. 4 shows the same view obliquely from above where the package has been opened totally so that the sheet not at all is kept in place by said claw-formation and

10 Fig. 5 shows a plan view of the blank which is used as inner envelope for cooperation with said outer envelope and for supporting the sheet itself.

15 As can be seen from the figures a package 1 is illustrated according a preferred embodiment example of the invention intended for sheets 2, for example sheet formed information carriers, which comprise an outer envelope 3 of carton, paper and plastic, wellpapp or similar and an inner envelope 4 which can be manufactured of a similar material as the outer envelope 3 and which has been double folded to constitute a cover for protecting the sheet 2 at the same time as the inner envelope 4 supports and partly encloses the sheet 2 itself. In the example illustrated the inner envelope is manufactured separately and thereafter fixed to the outer envelope 3 but the inner envelope 4 and outer envelope 3 can also be formed separated from each other.

20 As can be seen from the figures the inner envelope 4 is fixed and formed in such a way relatively the outer envelope 3 that these two envelopes cooperate with each other in storing and taking out of the sheet 2 from the package 1.

25 From the inner side 13 of the outer envelope 3 close to its back portion 5 the inner envelope 4 extends in a direction forwards and comprises here an open space 6 delimited laterally of a double fold 7 on each side, which has a length forwards from said back portion 5, which extends past the half diameter of the stored sheet 2, so that during the closed position of the package 1 and up to its mainly half opened position or immediately before the half opened position said space 6 has an opening width, which, after the extending forwards of said double fold 7 past the half diameter of the stored sheet 2, is less than that of the diameter of the sheet 2, in that said double folds 7 converge in a

5 direction towards each other in order to prevent a sliding
out of said sheet 2 out from said space 6 and during the
continued opening of said package 1 and up to its totally
opened position, said space 6 has an opening width, which is
greater than the diameter of the sheet 2 at the same time as
10 the space 6 having a stored sheet 2 is automatically lifted
upwards and exposes said sheet 2 and makes it easy to grip.

As is closer illustrated in fig. 5 said opened space 6 in the
inner envelope 4 is constituted by two double folds 7, which
15 consists of two along a crasing line C, in the illustrated
example in the form of a double crasing line, foldable and
directed towards each other, triangle formed portions 8,9 and
said portions 8,9 in turn are via upper and lower crasing
lines A and B foldable formed in said inner envelope 4. The
20 upper crasing lines A extend in each triangle formed portion
10, which in turn are foldable and symmetrically connected
via crasing lines D by a triangle formed portion 11 delimited
forwards in a direction viewed from said back portion 5 of
the last mentioned crasing lines D. The crasing lines D are
25 of the same length and the limit two sides of the triangle
formed portion 11, said portion along its base side is
delimited of a transversitally extending crasing line D. The
crasing line E extends in turn into a portion 12, at which a
triangle formed portion 11 is foldable provided. The base of
30 the portion 12 consists of a crasing line F, by which a
portion 12 via a flap 12 are foldable connected with any of
the two insides 13 or 14 of the outer envelope 3 in a short
distance from the back portion 5, i.e. the inside of the
front or backside. The flap 17 is fixable against the front
35 inside 13 and is intended to extend in a direction towards
the back portion 5 or alternatively in an opposite direction
in the direction upwards over the front inside 13. The lower
crasing lines B of the double fold 7 extend into a portion
15, which via crasing lines G foldably extend into a portion
40 16, which is fixed to the back inside 14 of outer envelope 3.

In fig. 5 is thus illustrated how the inner envelope 4 of the
package 1 is formed with its crasing lines and portions and

5 from this figure it is specially the portion 11 having the crasing lines D and E, which make or influence the opening and closing of the claw-formation during the cooperation of the inner envelope 4 with said outer envelope 3.

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